USCMS Engineer Status Report for November 2003

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1   Work Performed This Month

I worked to improve the MONARC simulation framework and the graphical representation of the program. I developed a set of simulation studies for data replication on WAN. In this framework we considered algorithms for dynamic allocation of the data servers to improve the total data processing rate.

I worked for developing dedicated modules (VO part) for MonALISA for the GRID3 setup . We adapted the MonALISA for the GRID3 setup. The automatic update procedure was extensively used and proved to be very useful for large systems. I helped in the MonALISA deployment and support for the GRID3 sites and the SC2003 demo.

A dedicated repository for GRID3 was done and specialized panels in the real-time GUI for describing jobs executed thru different batch queuing systems.

2   Links To Supporting Documentation

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- The Monarc Simulation framework
- http://monalisa.cacr.caltech.edu/MONARC/
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- The MonaLisa web page

- http://monalisa.cacr.caltech.edu

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- The GRID3 repository

- http://gocmon.uits.iupui.edu:8080

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